

POLY(ARYLENE ETHER) DATA STORAGE MEDIA

Abstract of Disclosure

A storage media comprises: a substrate comprising at least one plastic resin portion, wherein the plastic resin portion comprises poly(arylene ether) and a styrene material selected from the group consisting of polystyrene, styrenic copolymer(s), and reaction products and combinations comprising at least one of the foregoing styrene material(s), and at least one data layer on the substrate. The data layer can be at least partly read from, written to, or a combination thereof by at least one energy field. Additionally, when the energy field contacts the storage media, the energy field is incident upon the data layer before it could be incident upon the substrate.

[illegible]